

12/6/96 | 12/26/96 | BS | ~~RV~~ | DHC

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET MARTINEZ G.C.G#1

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
- [DD-Directional Drilling] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

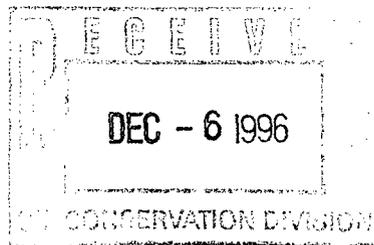
[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Directional Drilling
- NSL NSP DD SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
- DHC CTB PLC PC OLS OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
- WFX PMX SWD IPI EOR PPR



[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

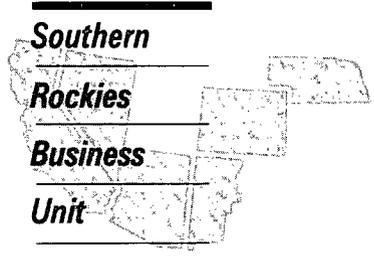
Note: Statement must be completed by an individual with supervisory capacity.

PAMELA W. STALEY
Print or Type Name

Signature

REGULATORY AFFAIRS ENGR.
Title

12/5/96
Date



1425

December 2, 1996

Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P. O. Box 6429
Santa Fe, NM 87505

**Application for Exception to Rule 303-C - Downhole Commingling
Martinez Gas Com G #1 Well
Unit A Section 24-T29N-R10W
Blanco Mesaverde and Basin Dakota Pools
San Juan County, New Mexico**

Enclosed please find an administrative application form (C-107-A) and attachments for downhole commingling for the captioned well. By copy of this application by certified mail, return receipt requested, Amoco is notifying all offset operators in the formations captioned above as well as all affected interest owners if the ownership of those formations is not common. The Division Director may approve the proposed downhole commingling in the absence of a valid objection from any offset operator or any interest owner in those instances where ownership is not common in the zones to be commingled within 20 days after the receipt of the application if, in his opinion, waste will not result thereby, and correlative rights will not be violated.

Should there be questions concerning this matter, please contact me at (303) 830-5344.

Sincerely,

Pamela W. Staley

Enclosures

cc: Steve Webb
Pat Archuleta
Wellfile
Proration File
Frank Chavez, Supervisor
NMOCD District III
1000 Rio Brazos Road
Aztec, NM 87410

Duane Spencer
Bureau of Land Management
1235 La Plata Hwy.
Farmington, NM 87401

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-A
New 3-12-96

OIL CONSERVATION DIVISION

APPROVAL PROCESS:

DISTRICT II
811 South First St., Artesia, NM 88210-2835

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

Administrative Hearing

DISTRICT III
1000 Rio Brazos Rd. Aztec, NM 87410-1693

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE
 YES NO

Amoco Production Company

Operator Martinez Gas Com G	Well No. #1	Address A24, T29N-R10W	County San Juan
Lease		Unit Ltr. - Sec Twp - Rge	

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 000778 Property Code 000837 API NO. 300451217200 Federal State (and/or) Fee

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blanco Mesaverde 72319		Basin Dakota 71599
2. Top and Bottom of Pay Section (Perforations)	3610-4340'		6303-6398'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	a. (Current) 469 PSI b. (Original) 951 PSI	a. b.	a. 833 PSI b. 2482 PSI
6. Oil Gravity (° API) or Gas BTU Content	49.0° API / 1279 BTU		59.1° API / 1168 BTU
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no)	Yes, Logs off due to liquid loading		No
• If Shut-In, give data and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: Rates:	Date: Rates:	Date: Rates:
• If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 10/96 Rates: 160 MCFD <1 BCPD	Date: Rates:	Date: 10/96 Rates: 160 MCFD <1 BCPD
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 6 % Gas 50 %	Oil: % Gas %	Oil: 94 % Gas 50 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? Yes No
If not, have all working, overriding, and royalty interests been notified by certified mail? Yes No
Have all offset operators been given written notice of the proposed downhole commingling? Yes No

11. Will cross-flow occur? Yes No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. Yes No (If No, attach explanation)

12. Are all produced fluids from all commingled zones compatible with each other? Yes No

13. Will the value of production be decreased by commingling? Yes No (If Yes, attach explanation)

14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. Yes No FEDERAL LEASE NUMBER: SF-078266 COM SW-324 SW-323

15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S) _____

16. ATTACHMENTS:

- * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- * Production curve for each zone for at least one year. (If not available, attach explanation.)
- * For zones with no production history, estimated production rates and supporting data.
- * Data to support allocation method or formula. SEE ATTACHED
- * Notification list of all offset operators.
- * Notification list of working, overriding, and royalty interests for uncommon interest cases.
- * Any additional statements, data, or documents required to support commingling.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Pamela W. Staley* TITLE Regulatory Affairs Engineer DATE 12/2/96
TYPE OR PRINT NAME Pamela W. Staley TELEPHONE NO. (303) 830-5344

N MEXICO OIL CONSERVATION COMMISS
WELL LOCATION AND ACREAGE DEDICATION PLAT

Fbrn C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

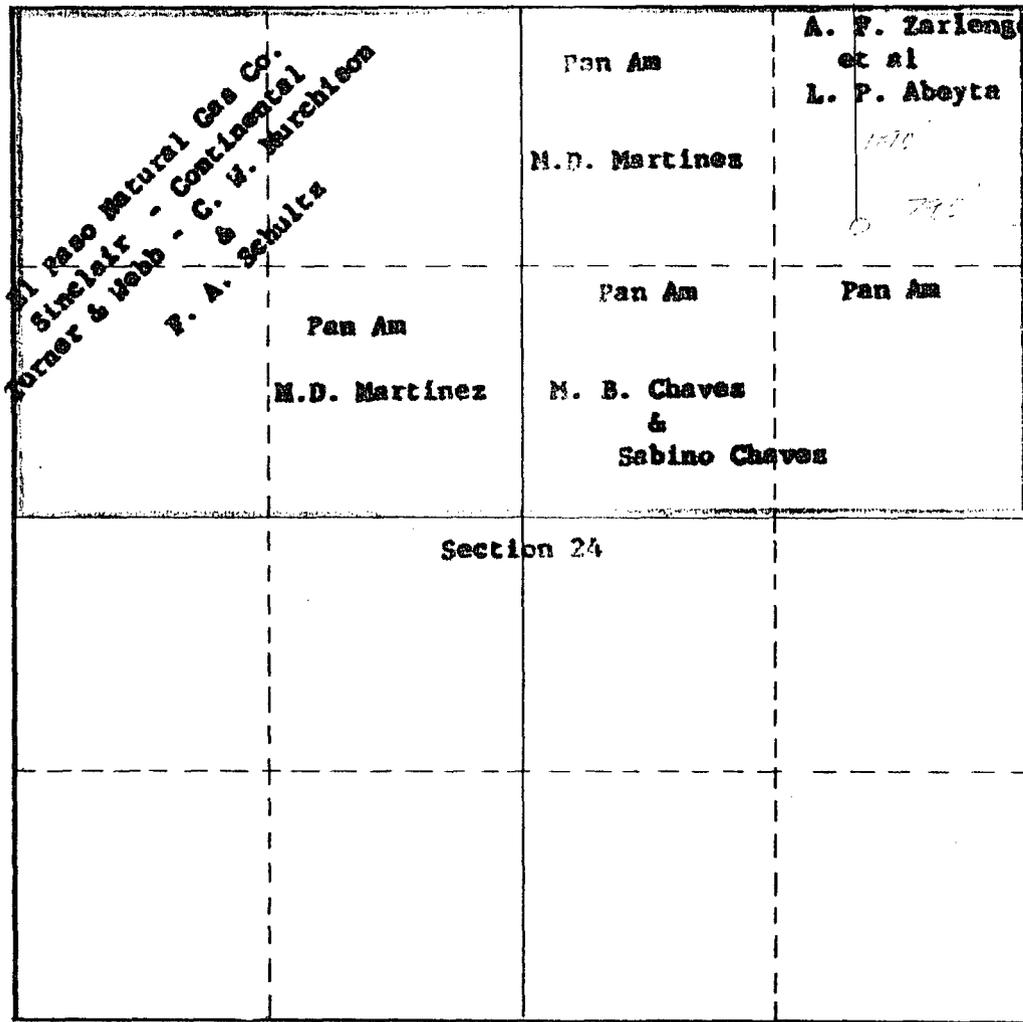
Operator Pan American Petroleum Corporation		Lease Martinez Gas Com "G"		Well No 1
Unit Letter A	Section 24	Township 29-N	Range 10-W	County San Juan
Actual Footage Location of Well:				
1190	feet from the	North	line and	790
				feet from the
				East
				line
Ground Level Elev: 5551'	Producing Formation Masaverde (dual w/Dak.)		Pool Blanco Masaverde (dual with Basin Dakota)	Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation **communitized**

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
G. W. Eaton, Jr.
ORIGINAL SIGNED BY

Name **G. W. Eaton, Jr.**
Position **Area Engineer**

Company **PAN AMERICAN PETROLEUM CORP.**

Date **April 26, 1966**

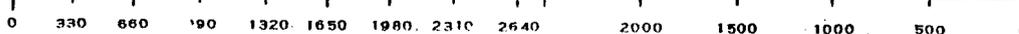
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

April 26, 1965

Date Surveyed
Original signed by James P. Lease
Registered Professional Engineer and/or Land Surveyor

1463

Certificate No.



For: zalc14
 Engr: zalc14

MARTINEZ GAS COM /G/ /MESAVARDE/ 001A24 Operator- AMOCO PROD

300451217200 604MVRD

APC_WI -- 0.78125000

CumG_70	--	249423
CumO_70	--	0
CumGAS	--	1311661
CumOIL	--	0

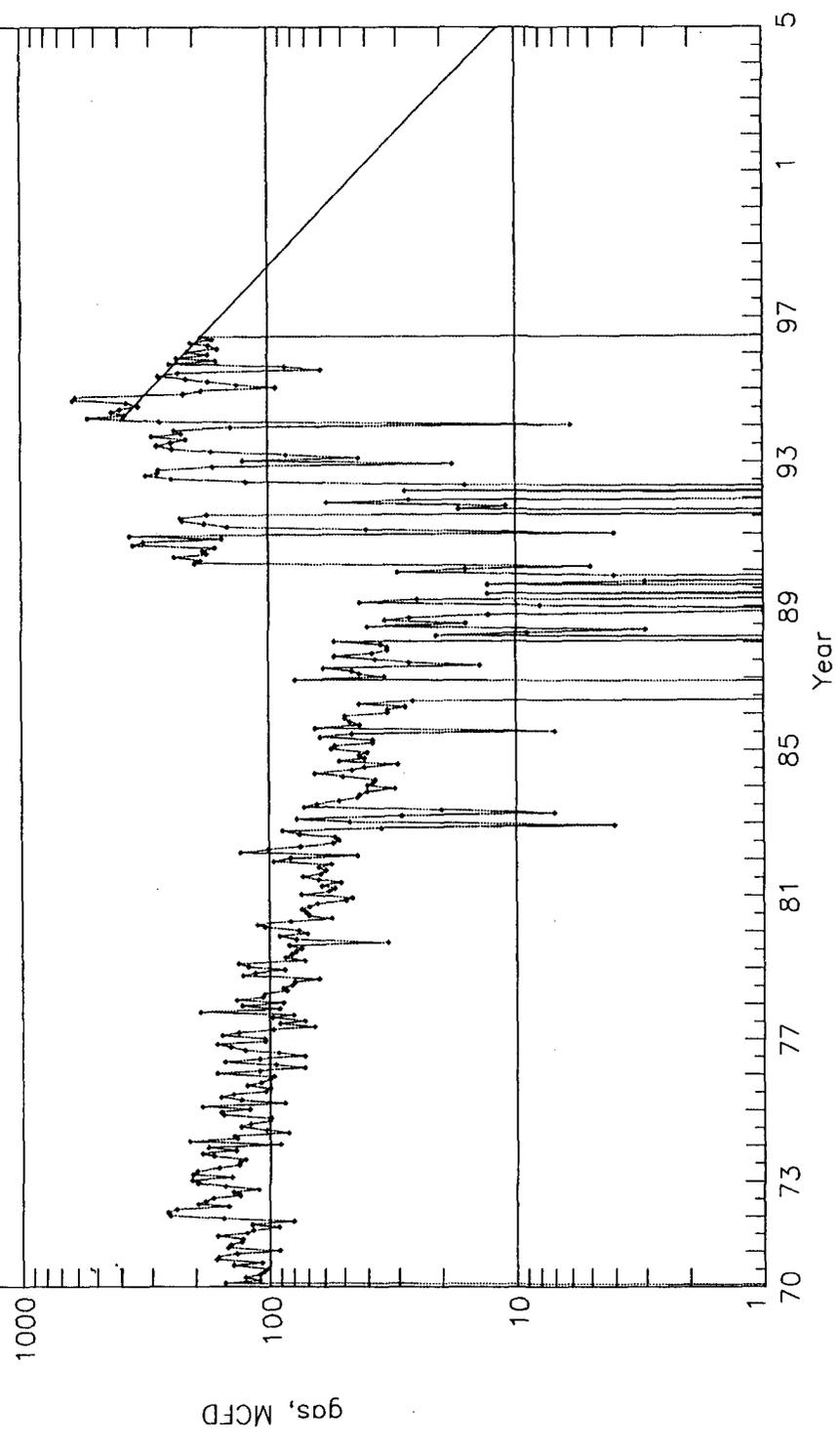
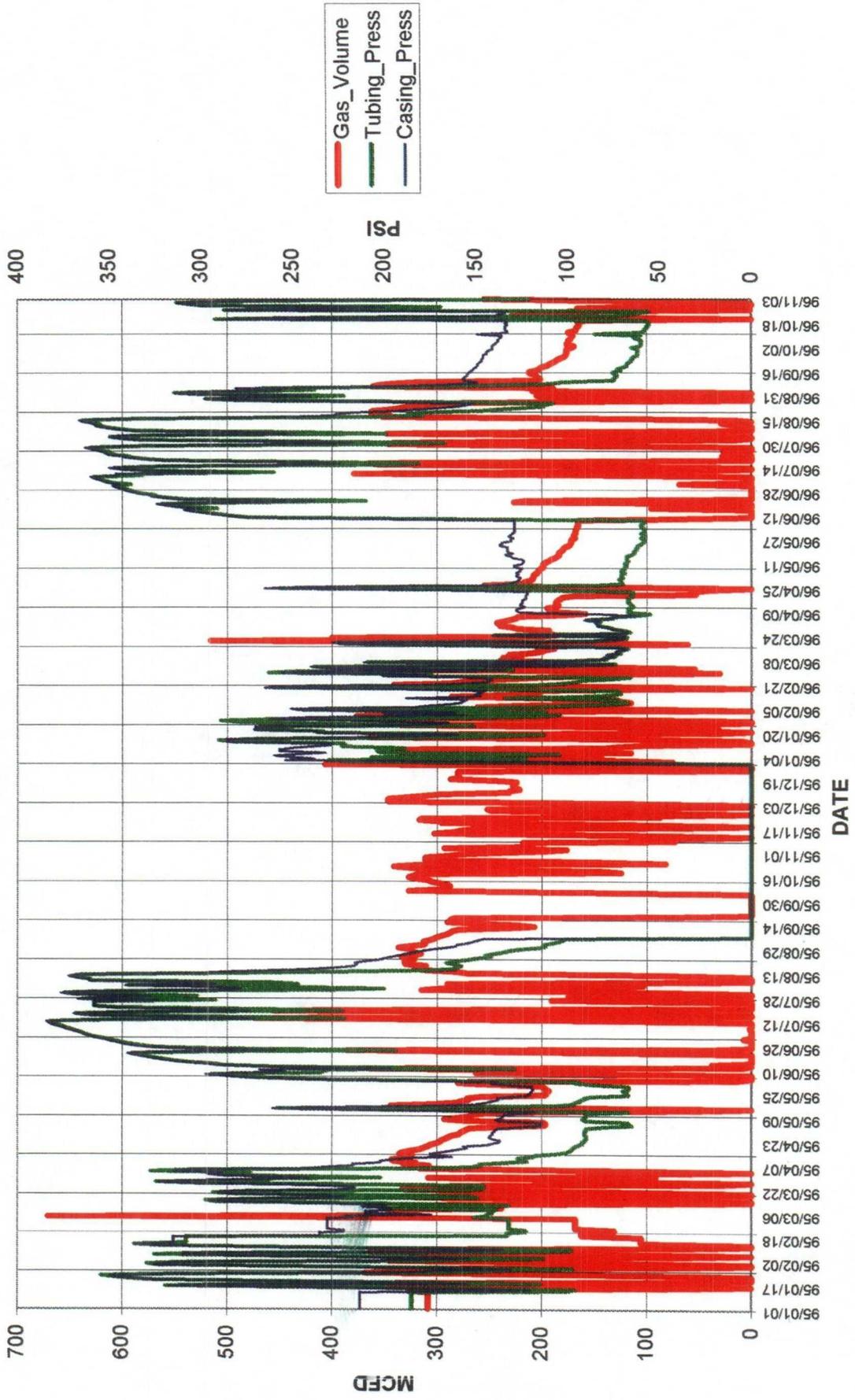


Chart1

Well: MARTINEZ GC G 001-MV (93923702)



For: zalc14
Engr: zalc14

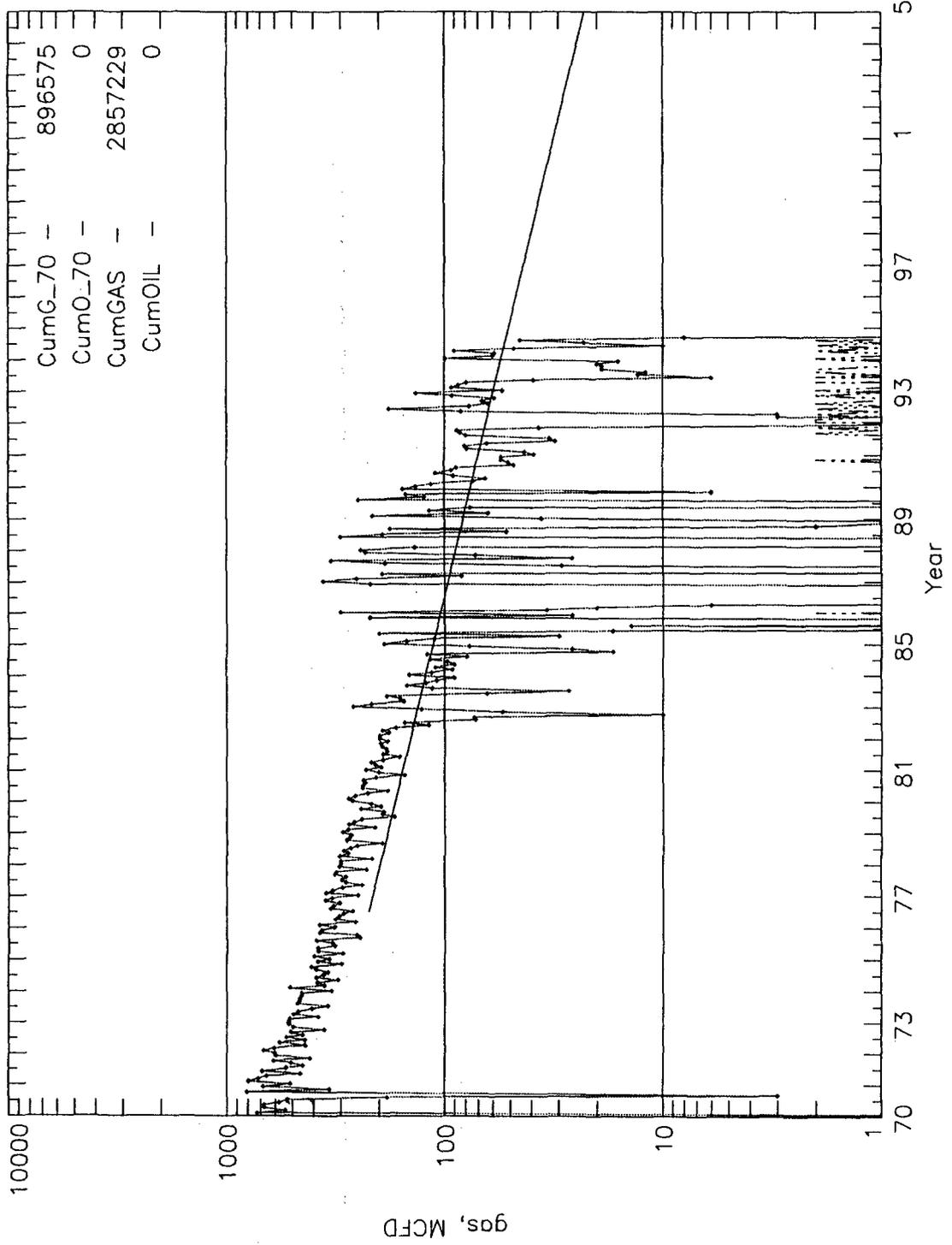
MARTINEZ GAS COM /G/ /DAKOTA/ 001A24

Operator- AMOCO PROD

300451217200 602DKOT

APC_WI - 0.78125000

CumG_70 - 896575
CumO_70 - 0
CumGAS - 2857229
CumOIL - 0



PROPOSED PRODUCTION ALLOCATION METHOD
MARTINEZ GAS COM G #1

The subject well has been producing from the Mesaverde and Dakota formations as a dual completion since 1970 as exhibited by the attached production curves. As exhibited on those curves, the formations have shown virtually equivalent decline rates of .09 /yr and .095 /yr. These wells were quite stable producers until the line pressure fluctuations began in the early 1980's. Since the 10 years between 1970 and 1980 exhibited such stable and consistent decline rates, we believe it is appropriate to use a percentage allocation method for this commingled well.

In February 1995 we received an order from the NMOCD to surface commingle production from this well. Production was estimated at 140 MCFD from the Mesaverde and 130 MCFD from the Dakota. The total estimated rate at that time was 270 MCFD. Production has been averaging approximately 320 MCFD when the compressor is able to stay operational. More recently, we have only been able to run the Dakota side with compression as the Mesaverde side of the well logs off production due to liquid loading. The Dakota production during the time that the Mesaverde has been logged off has averaged 160 MCFD consistently. Taking the 320 MCFD and subtracting the Dakota production of 160 MCFD would suggest that the Mesaverde is capable of producing 160 MCFD. Therefore, based on that production data and the similar decline rates of the stabilized zones, we recommend allocation at 50 % of gas production for each zone.

We recommend allocating condensate based on cumulative recovery over time. The historic data that we looked at showed 15,000 BO being produced by the Dakota and 1000 BO being produced by the Mesaverde. The allocation would be applied on a percentage basis, 1/16 (6 %) for the Mesaverde and 15/16 (94%) for the Dakota.

ADDITIONAL STATEMENTS IN SUPPORT OF THIS APPLICATION

Our ability to downhole commingle this well directly affects the ultimate recovery and profitability of the well. With the mechanical configuration of the dual assembly we are unable to keep the well free of liquids which hinders our ability to produce. With a downhole commingle, we will set up a single production tubing string that will enable plunger lift in the future if required. In addition to future artificial lift, the Dakota gas well help lower the hydrostatic pressure of the liquids that have and will continue to log off the Mesaverde and facilitate their removal.

**MARTINEZ GAS COM G #1
WORKING INTEREST OWNERS
HAVING DIFFERENT INTERESTS IN THE MESAVERDE AND DAKOTA HORIZONS**

<u>NAME AND ADDRESS</u>	<u>WORKING INTEREST IN MESAVERDE FORMATION</u>	<u>WORKING INTEREST IN DAKOTA FORMATION</u>
AMOCO PRODUCTION COMPANY P.O. BOX 800 DENVER, CO 80201	75.00	75.78125
HENRIETTA E. SCHULTZ, TRUSTEE LINCOLN PLAZA, SUITE 2160 LB-1 500 NORTH AKARD DALLAS, TX 75201-3360	-0-	2.34375
ANTHONY F. ZARLENGO 4500 PROSPECT STREET LITTLETON, CO 80123	3.125	-0-

**MARTINEZ GAS COM G #1
ROYALTY INTEREST OWNERS
HAVING DIFFERENT INTERESTS IN THE MESAVERDE AND DAKOTA HORIZONS**

NAME AND ADDRESS INTEREST IN THE INTEREST IN THE
MESAVERDE FORMATION DAKOTA FORMATION

BURLINGTON RESOURCES OIL AND GAS CO.
P.O. BOX 4289
FARMINGTON, NM 87499

1.24915

-0-

**MARTINEZ GAS COM G #1
WORKING INTEREST OWNERS
Names and Addresses**

(All have common ownership in the Mesaverde and Dakota formations)

BURLINGTON RESOURCES
OIL AND GAS CO
P.O. BOX 4289
FARMINGTON, NM 87499

BETTY TURNER CALLOWAY
4801 ST. JOHNS DRIVE
DALLAS, TX 75205

CONOCO, INC.
10 DESTA DRIVE, SUITE 100W
MIDLAND, TX 79706-4500

CANDACE L. KELTON COX
17 SOUTH MEADOW RIDGE
CONCORD, MA 01742

CWM AND VLM TRUST
JOHN D. MURCHISON, TRUSTEE
1445 ROSS AVE, SUITE 2600 LB 201
DALLAS, TX 75202

GEORGIA KELTON FERGEN
5500 OLD CLARKSVILLE ROAD
PARIS, TX 75462

L.G. KRIEGER TESTAMENTARY TRUST
MARGERY M. KRIEGER AND PEOPLES
BANK AND TRUST CO CO-TRUSTEES
10401 E. COLFAX AVENUE
AURORA, CO 80010

FRED E. TURNER
4925 GREENVILLE AVENUE
ONE ENERGY SQUARE, SUITE 852
DALLAS, TX 75206

J. GLENN TURNER, JR.
3131 TURTLE CREEK BLVD SUITE 1201
DALLAS, TX 75219

JOHN L. TURNER
P.O. BOX 33610
KERRVILLE, TX 78029

MARY FRANCIS TURNER, JR. TRUST 6743
TEXAS COMMERCE TRUST NA
P.O. BOX 200890
HOUSTON, TX 77216

WILLIAM G. WEBB
1600 PACIFIC AVENUE, SUITE 250
DALLAS, TX 75201

**MARTINEZ GAS COM G #1
ROYALTY INTEREST OWNERS**

Names and Addresses

(All have common ownership in the Mesaverde and Dakota formations)

AMOCO PRODUCTION COMPANY P.O. BOX 800 DENVER, CO 80201	MARCIA BERGER SUNWEST BANK OF ALBUQUERQUE P.O. BOX 26900 ALBUQUERQUE, NM 87125	DONALD CANDELARIA 517 EAST ZIA AZTEC, NM 87410
JERRY J. ANDREW 408 LONGWOODS HOUSTON, TX 77024	MARJORIE BRADY 4505 SOUTH YOSEMITE STREET, #426 DENVER, CO 80237	FRANCIS L. CANDELARIA P.O. BOX 348 BLANCO, NM 87412
JULIE ANN ANTWEIL TRUST ESTATE 2 4408 CANYON COURT NE ALBUQUERQUE, NM 87111	HERBERT R. BRIGGS SUNWEST BANK OF ALBUQUERQUE P.O. BOX 26900 ALBUQUERQUE, NM 87125	GENEVIEVE CANDELARIA P.O. BOX 348 BLANCO, NM 87412
VERONA C. ARAGON 949 URIOST ST SANTA FE, NM 87501	WILLIAM B. BRIGGS SUNWEST BANK OF ALBUQUERQUE P.O. BOX 26900 ALBUQUERQUE, NM 87125	J. FIDEL CANDELARIA OJO DE LA CUEVA BOX 215 BLANCO, NM 87412
PATRICIA CHAVEZ BACA P.O. BOX 376 BLANCO, NM 87412	LAURA JEAN BUTHORN 3626 WEST COMMODORE WAY SEATTLE, WA 98199	J FIDEL & CORDELIA CANDELARIA OJO DE LA CUEVA BLANCO, NM 87412
R.E. BEAMON, III THREE RIVERWAY, SUITE 470 HOUSTON, TX 77056	DONALD & FLORANCE CANDELARIA, JOINT TENANTS 517 EAST ZIA AZTEC, NM 87410	JOHN C. CANDELARIA BLANCO, NM 87412
BEEBE INC. C/O WARREN F. REAMS P.O. BOX 118 GRAND JUNCTION, CO 81502		NICK AND CARMEN CANDELARIA, JOINT TENANTS C/O FARMINGTON TOP TEN 511 EAST BROADWAY FARMINGTON, NM 87401

NICKIE C. CANDELARIA
511 EAST BROADWAY
FARMINGTON, NM 87401

PABLO L. CANDELARIA, JR
BLANCO, NM 87412

PABLO LENNY CANDELARIA
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3603 NORTH BUENA VISTA
FARMINGTON, NM 87401

PAUL MICHAEL AND BELINDA J.
CANDELARIA, JOINT TENANTS
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FARMINGTON, NM 87401

PAULETTE S. CANDELARIA
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CHARLES CHAVEZ
3226 24TH STREET
SAN FRANCISCO, CA 94110

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FRED CHAVEZ
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J. F. CHAVEZ
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BLANCO, NM 87412

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KLAMATH FALLS, OR 97603

SABINO N. CHAVEZ
P.O. BOX 344
BLOOMFIELD, NM 87413

RUTH MARIE CRAIN
1016 NAKOMIS NE #16
ALBUQUERQUE, NM 87112

FRANK & HARRIET BATES CRONICAN
SR REVOCABLE TRUST
P.B. CRONICAN/FA CRONICAN JR. TRS
SUNWEST BANK AGENT
P.O. BOX 26900
ALBUQUERQUE, NM 87125

ROSELYN R. CROSS & JEAN MARIE
COOPER, JOINT TENANTS
P.O. BOX 365
CORCORAN, CA 93212

FELIX DASHEN
8430 NE 17TH STREET
BELLEVUE, WA 98004

MARGARET M. B. FARMER
449 ST GEORGE ROAD
STATEN ISLAND, NY 10306

OLIVE M. FARMER REV. TRUST
ROGER J. BOLAN, TRUSTEE
2510 W. DUNLAP AVE, SUITE 242
PHOENIX, AZ 85021

DOROTHY GALLEGOS
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SOUTH SAN FRANCISCO, CA 94080

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FARMINGTON, NM 87401

HARE PRODUCTION COMPANY LTD.
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BLOOMFIELD, NM 87413

SHIRLEY LINDER HOOPER
3625 PORTAIR AVENUE
NORTH PORT, FL 34286

CYRENE INMAN
SUNWEST BANK ALBUQUERQUE,
AGENT
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ALBUQUERQUE, NM 87125

EULA MAY JOHNSON TRUST
NATIONSBANK OF TEXAS NA
TRUST DEPARTMENT #03 661
P.O. DRAWER 840738
DALLAS, TX 75284

JAMES J. JOHNSTON ESTATE
BETTY JOHNSTON, PAUL HARDWICK &
LYLE CARBAUGH IND. EXECUTORS
P.O. BOX 570007
HOUSTON, TX 77257

V.A. JOHNSTON FAMILY TRUST
KATHRINE PREWITT AND MICHAEL A.
CHESSEY CO-TRUSTEES
P.O. BOX 925
RALLS, TX 79357

JUANITA KASHISHIAN
4037 WEST PETERSON LANE
WEST VALLEY CITY, UT 84120

PATTIE BEAMON LUNDELL
1616 SOUTH VOSS, #870
HOUSTON, TX 77057

FRED LUTHY, JR.
SUNWEST BANK ALBUQUERQUE
TRUST DIVISION, ACCT 60166-00
P.O. BOX 26900
ALBUQUERQUE, NM 87125

MANUEL UBALDO MARTINEZ
3291 S. 7495 W
MAGNA, UT 84044

STEPHANIE A. MARTINEZ
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AZTEC, NM 87410

STEPHANIE ANN CANDELARIA
MARTINEZ
AND CARLOS MARTINEZ, JOINT
TENANTS
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REGINA C. MASTERS
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BLOOMFIELD, NM 87413

PATRICK B & SHIRLEY J. MCGARVEY
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MAYBLE CHAVEZ MCLARRIN
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NORTH BEND, OR 97459

DOUGLAS CAMERON MCLEOD
C/O PETROGULF CORPORATION
SUITE 1455 DENVER CLUB BUILDING
518 17TH STREETDENVER, CO 80202

MINERALS MANAGEMENT SERVICE
ROYALTY MANAGEMENT PROGRAM
P.O. BOX 5810 TADENVER, CO 80217

CRUZELIA AND PAT D. MONTOYA,
JOINT TENANTS
211 HIGHWAY 511
BLANCO, NM 87412

CRUZELIA C. MONTOYA
211 HIGHWAY 511
BLANCO, NM 87412

ROGER B. NIELSEN
6424 BELTON ROAD
EL PASO, TX 79912

MARSHA PETERSON
4229 S 5400W
WEST VALLEY, UT 84120

CHERYL POTENZIANI
P.O. BOX 36600 STA D
ALBUQUERQUE, NM 87176

FRANK A. POTENZIANI
POTENZIANI FAMILY PARTNERSHIP
P.O. BOX 3660 SATION D
ALBUQUERQUE, NM 87176

ROGERS GIBBARD TRUST
ORVILLE C ROGERS, SUSAN EVELAND &
ELAINE GIBBARD ALLMAN TRUSTEES
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TYLER, TX 75703

LOIS E. ROWLEY
P.O. BOX 1578
SILVERTHORNE, CO 80498

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FARMINGTON, NM 87402

CAROLYN NEILSEN SEDBERRY
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WYLIE, TX 75098

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ARLINGTON, WA 98223

SINGER BROS.
DEPT 1063
TULSA, OK 74182

EVELYN SMITH
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DALLAS, TX 75230

H. W. SMITH ESTATE
GARY W. HARVEY INDP EXECUTOR
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SEMINOLE, TX 79360

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HOUSTON, TX 77210

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MURRAY, UT 84123

STEVEN TRUJILLO
7060 W. 2820 S
WEST VALLEY CITY, UT 84120

VERONICA TRUJILLO
2154 W. LEXINGTON DR
WEST JORDON, UT 84084

GEORGE WILLIAM UMBACH
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LAS VEGAS, NV 89109

ROBERT UMBACH
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FARMINGTON, NM 87499

UNION OIL COMPANY OF CALIFORNIA
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DALLAS, TX 75284

UNITED PIPE AND SUPPLY CO INC.
3622 RANCH CREEK DRIVE
AUSTIN, TX 78730

J. BURTON VETETO
607 ABO
HOBBS, NM 88240

WWR ENTERPRISES, INC.
SUNWEST BANK OF ALBUQUERQUE
P.O. BOX 26900

**MARTINEZ GAS COM G #1
OVERRIDING ROYALTY INTEREST OWNERS
Names and Addresses**

(All have common ownership in the Mesaverde and Dakota formations)

AMOCO PRODUCTION COMPANY
P.O. BOX 800
DENVER, CO 80201

CANDACE L. KELTON COX
17 SOUTH MEADOW RIDGE
CONCORD, MA 01742

GEORGIA KELTON FERGEN
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PARIS, TX 75462

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